

European Standardized Cables

H07RN-F

Heavy duty neoprene jacketed harmonized cordage 450/750 V



Construction:

Conductor:	bare copper strands acc. to IEC 60228, EN 60228, class 5
Insulation:	synthetic rubber, Type E14
Color code:	HD 308 (VDE 0293-0308)
Stranding:	from 2 conductors stranded in layers
Jacket material:	synthetic rubber, EM2
Jacket color:	black

Technical data:

Nominal voltage:	Uo/U 450/750 V
Testing voltage:	2500 V
Min. bending radius:	6 x O.D.
Temperature range:	-25/+60°C
Approvals:	HAR, CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

Outstanding features:



- harmonized to European standards
- high mechanical loading capacity
- UV resistant

item no.	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
▶ 18 AWG (≈ 30/32) ▪ 1.00 mm²				
39550210	2	0.295	7.5	54
39550310	3	0.327	8.3	64
39550410	4	0.354	9.0	81
39550510	5	0.386	9.8	97
▶ 16 AWG (≈ 27-29/30) ▪ 1.50 mm²				
39550215	2	0.327	8.3	67
39550315	3	0.362	9.2	84
39550415	4	0.406	10.3	108
39550515	5	0.437	11.1	128
▶ 14 AWG (≈ 46/30) ▪ 2.50 mm²				
39550225	2	0.386	9.8	97
39550325	3	0.429	10.9	124
39550425	4	0.469	11.9	155
39550525	5	0.520	13.2	188
▶ 12 AWG (≈ 52/28) ▪ 4.00 mm²				
39550240	2	0.429	10.9	131
39550340	3	0.488	12.4	175
39550440	4	0.543	13.8	215
39550540	5	0.602	15.3	269
▶ 10 AWG (≈ 78/28) ▪ 6.00 mm²				
39550160	1	0.323	8.2	74
39550260	2	0.488	12.4	178
39550360	3	0.567	14.4	235
39550460	4	0.614	15.6	292
39550560	5	0.697	17.7	366

item no.	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
▶ 8 AWG (≈ 77/26) ▪ 10.00 mm²				
39550161	1	0.394	10.0	114
39550261	2	0.689	17.5	326
39550361	3	0.764	19.4	420
39550461	4	0.843	21.4	517
39550561	5	0.933	23.7	635
▶ 6 AWG (≈ 122/26) ▪ 16.00 mm²				
39550162	1	0.441	11.2	158
39550262	2	0.768	19.5	437
39550362	3	0.858	21.8	575
39550462	4	0.957	24.3	722
39550562	5	1.059	26.9	887
▶ 4 AWG (≈ 190/26) ▪ 25.00 mm²				
39550163	1	0.520	13.2	235
39550263	2	0.976	24.8	679
39550363	3	1.024	26.0	843
39550463	4	1.161	29.5	1089
39550563	5	1.295	32.9	1341
▶ 2 AWG (≈ 272/26) ▪ 35.00 mm²				
39550164	1	0.579	14.7	312
39550364	3	1.150	29.2	1112
39550464	4	1.280	32.5	1415
▶ 1 AWG (≈ 400/26) ▪ 50.00 mm²				
39550165	1	0.669	17.0	423
39550365	3	1.319	33.5	1502
39550465	4	1.472	37.4	1932

item no.	no. of conductors incl. ground	outer-ø inch	outer-ø mm	cable weight ≈lbs/mft
▶ 2/0 AWG (≈ 543/26) ▪ 70.00 mm²				
39550166	1	0.744	18.9	564
39550366	3	1.469	37.3	1996
39550466	4	1.646	41.8	2570
▶ 3/0 AWG (≈ 484/24) ▪ 95.00 mm²				
39550167	1	0.843	21.4	739
39550367	3	1.732	44.0	2644
39550467	4	1.866	47.4	3347
▶ 4/0 AWG (≈ 589/24) ▪ 120.00 mm²				
39550168	1	0.933	23.7	921
▶ 250 MCM (≈ 740/24) ▪ 150.00 mm²				
39550169	1	1.016	25.8	1132
▶ 350 MCM (≈ 902/24) ▪ 185.00 mm²				
39550170	1	1.106	28.1	1371
▶ 450 MCM (≈ 1220/24) ▪ 240.00 mm²				
39550171	1	1.232	31.3	1757
▶ 550 MCM (≈ 1525/24) ▪ 300.00 mm²				
39550172	1	1.358	34.5	2201

Other dimensions and colors are available on request

HD 308 color code: up to 5 conductors

- 1c cable: natural
- 2c cable: blue, brown
- 3c cable: green/yellow, blue, brown
- 4c cable: green/yellow, brown, black, gray
- 5c cable: green/yellow, blue, brown, black, gray

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